

GREEN

**FILTER
CLEANING
MACHINE**



U.S. PATENT NUMBER 8719652D

CARTRIDGE FILTER CLEANING MACHINE

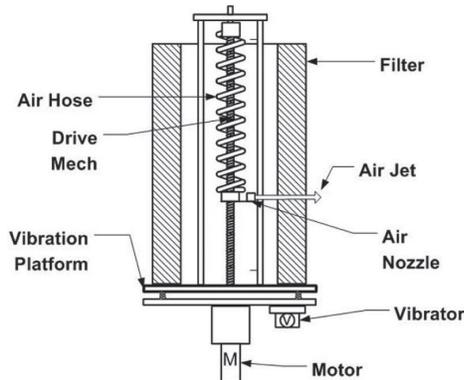


- ✓ Standalone unit designed to clean most cylindrical cartridge filters
- ✓ Pays for itself with savings
- ✓ Adjustable and fits most filter sizes
- ✓ Patented cleaning process
- ✓ Eliminates messy cleaning
- ✓ Ensures dust collector performance
- ✓ Environmentally Friendly
Less Garbage
- ✓ Filter Inspection Station (optional)



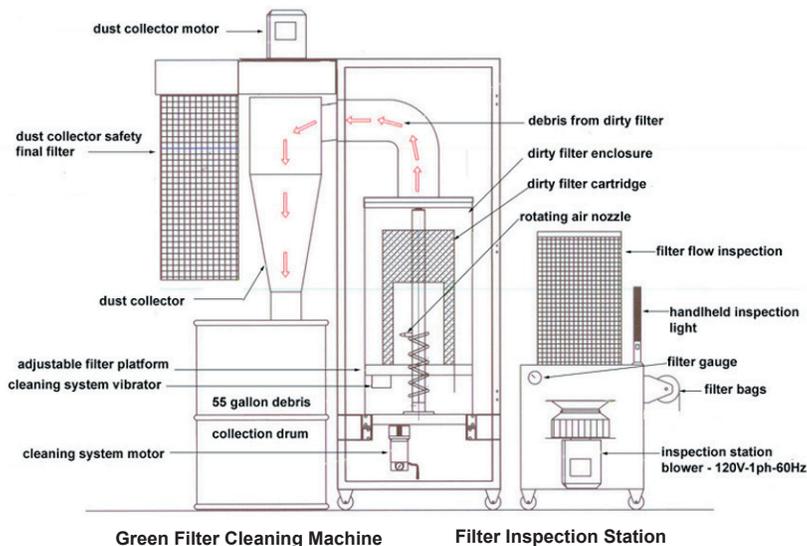
SPECIFICATIONS

GFCM Dimensions:	60" Wide x 34" Deep x 99" High
Inspection Station Dimensions:	24" Wide x 24" Deep x 28" High
Compressed Air Required:	90 psi - 30-80cfm
Cleaning Mechanism:	Electronically controlled with user selectable cleaning cycle duration-5 Mins. Cycle
Electrical - GFCM:	Combination motor starter for ICS motor and Cyclone's motor. Includes ICS cleaning controls, start/stop buttons all in a NEMA-12 rated enclosure. Single Phase/ 120 VAC
Electrical - Inspection Station:	Single Phase / 120 VAC
Filter Diameter Range:	6" Minimum - 14" Maximum Inner Diameter - 18" Max Outside Diameter (Contact Mfg. for other sizes)
Filter Height Range:	Up to 32" High - Closed one end or open at both ends
Portability:	Mounted on industrial casters



HOW THE INJECTION CLEANING SYSTEM (I.C.S.) WORKS

The injection cleaning system releases shop air through a rotating air jet that is driven up and down in a spiral motion inside the filter cartridge. To assist in the cleaning, a vibrating system is used to help dislodge larger solid particles from the filter membrane. A cleaning cycle lasts for approximately five minutes and is fully automated. The solid pollutants released from the cartridge are captured at the source using a high efficiency cyclone collector.



FILTER INSPECTION STATION

The Diversi-Tech Filter Inspection Station allows for the measurement of the filter condition before and after cleaning. To provide the best "real world" evaluation of the filter, a high power blower is used to draw air through the filter while the pressure drop across the filter is measured. Once the filter has been cleaned, the measurement can be repeated to determine if further cleaning is required. A visual inspection of the filter media is performed using a high-power hand-held light. This allows for detection of tears or weak areas in the media. Once the filter has been inspected it can be bagged and stored until required. (Optional)

MANUFACTURED BY



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